

Form PTO-1449

**INFORMATION DISCLOSURE-CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

Docket Number (Optional) ONV-044.01

Application Number 08/900,220

Applicant Miao, N. et al.

Filing Date July 24, 1997

Group Art Unit 1633

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mm	KA 5,519,035	5/21/96				

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
mm	KK DE 3942114 A	6/28/90	DE				
mm	KL EP 0464206	1/8/92	EP				
mm	KM WO 95/18856	07/13/95	PCT	C 12N	15/12		
mm	KN WO 94/02488	2/3/94	PCT				
mm	KO WO 93/08809	5/13/93	PCT				
mm	KP EP 0457295	11/21/91	EP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

mm	KR	Miao, N. et al., "Sonic hedgehog promotes the survival of specific CNS neuron populations and protects these cells from toxic insult <i>in vitro</i> ." Journal of Neuroscience, 17:15, 1997, 5891-5899
	KS	FDC Reports, Accession Number 580300025, The Pink Sheet, 58:30, 7/22/96
	KT	Hynes, M., et al., "Induction of midbrain dopaminergic neurons by Sonic hedgehog." Neuron, 15:1, July 1995, 35-44.
	KU	Wang, M. Z. et al., "Induction of dopaminergic neurons phenotype in the midbrain by Sonic hedgehog protein." Nature Medicine, 1:11, Nov. 1995, 1184-1188.
	KV	Hulley, P. et al., "Cyclic AMP promotes the survival of dopaminergic neurons in vitro and protects them from the toxic effects of MPP+." Journal of Neural Transmission, Supplementum. 46, 1995, 217-228.
	KW	Michel, P.P. et al., "Chronic activation of the cyclic AMP signaling pathway promotes development and long-term survival of mesencephalic dopaminergic neurons." Journal of Neurochemistry, 67:4, 1996, 1633-1642.
	KP	Huang, X. et al., "Cyclic AMP improves the in vitro survival of mesencephalic dopaminergic neurons by decreasing apoptotic cell death." Society for Neuroscience Abstracts, 22:1-3, 1996, 565.
	KQ	Epstein, D.J. et al., "Antagonizing cAMP-dependent protein kinase A in the dorsal CNS activates a conserved Sonic hedgehog signaling pathway." Development, 122:9, Sep. 1996, 2885-2894
	KR	Hammerschmidt, M. et al., "Protein Kinase A is a common negative regulator of Hedgehog signaling in the vertebrate embryo." Genes and Development, 10:6, Mar. 15, 1996, 647-658. 1996
	KS	Marigo, V. et al., "Regulation of patched by sonic hedgehog in the developing neural tube." Proceedings of the National Academy of Sciences of the U.S.A., 93:18, Sep. 3, 1996, 9346-9351.
mm	KT	Miao, N. et al., "A neurotrophic activity of sonic hedgehog promotes the survival of dopaminergic neurons." Cell Transplantation, 5:5, 1996, 17.

Michael Chin 7.12.00

mu	KU	Hartikka, J. et al., "Cyclo-oxygenase (COX) increases the in vitro survival of mesencephalic dopaminergic neurons and protects them from MPP ⁺ -induced degeneration." Journal of Neuroscience Research, 32:2, June 1992, 190-201.
	KV	
	KW	
	KX	
	KY	
EXAMINER [Signature]		DATE CONSIDERED 7.12.80
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.		

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